

## CLAIMS

1. A watch case comprising a case middle (16), a bezel (18) mounted so that it can turn on the middle and  
5 defining between them an annular chamber (36) and a gap (40) open towards the outside of the case, a glass (22) mounted in sealed fashion on the bezel, a seal (42) inserted between the bezel and the middle and arranged in said chamber (36), characterized in that said seal  
10 comprises a ring (44) of annular shape made of a material of the highly elastically deformable type and the cross section of which comprises two lips (44a), one bearing against the bezel (18), the other against the case middle (16), and a compression member (48) arranged in said  
15 chamber on the side of the gap, inserted between and collaborating with said lips in order to compress them against the bezel and against the case middle, respectively.
- 20 2. The watch case as claimed in claim 1, characterized in that said chamber (36) is defined by lateral, upper and lower walls, the lips (44a) are connected to one another by an intermediate part (44b) and are arranged in such a way as to form an acute angle between them, said  
25 lips having, at their free end, a contact surface intended to bear against the walls of said chamber without said gap being filled.
3. The watch case as claimed in claim 2, characterized  
30 in that said intermediate part (44b) is flat and hugs the lower wall of the chamber (36), said lips bearing via their contact surface against the lateral walls.
4. The watch case as claimed in one of claims 2 and 3,  
35 characterized in that the compression member (46) comprises an annular spring (50) placed directly in

contact with the lips (44a).

5. The watch case as claimed in claim 4, characterized in that the annular spring (50) has regular wave forms distributed on either side of a circle of a diameter more or less equal to the mean diameter of said chamber, said wave forms being bent about the line formed by said circle, the angle of the bend being greater than or equal to the angle formed by said lips.

10

6. The case as claimed in one of claims 4 and 5, characterized in that said spring is made of stainless steel.

15 7. The case as claimed in one of claims 4 to 6, characterized in that said compression member comprises, in addition, a positioning ring (52) inserted between said spring and one of the walls of the chamber.

20 8. The watch case as claimed in claim 7, characterized in that the positioning ring (52) is arranged facing the bezel (18) and comprises positioning studs (58) resting against said bezel in such a way as to keep the intermediate part bearing against a wall of said chamber.

25

9. A seal for a watch, characterized in that it comprises a ring (44) of annular shape made of a material of the highly elastically deformable type and the cross section of which comprises two lips (44a), and a compression member (48) arranged between the lips and collaborating with them in order to compress them.

10. The seal as claimed in claim 9, characterized in that said compression member comprises an annular spring (50) placed directly in contact with the lips (44a) and a positioning ring (52) collaborating with the spring in

35

-11-

order to hold it in place.